

FIG. 1

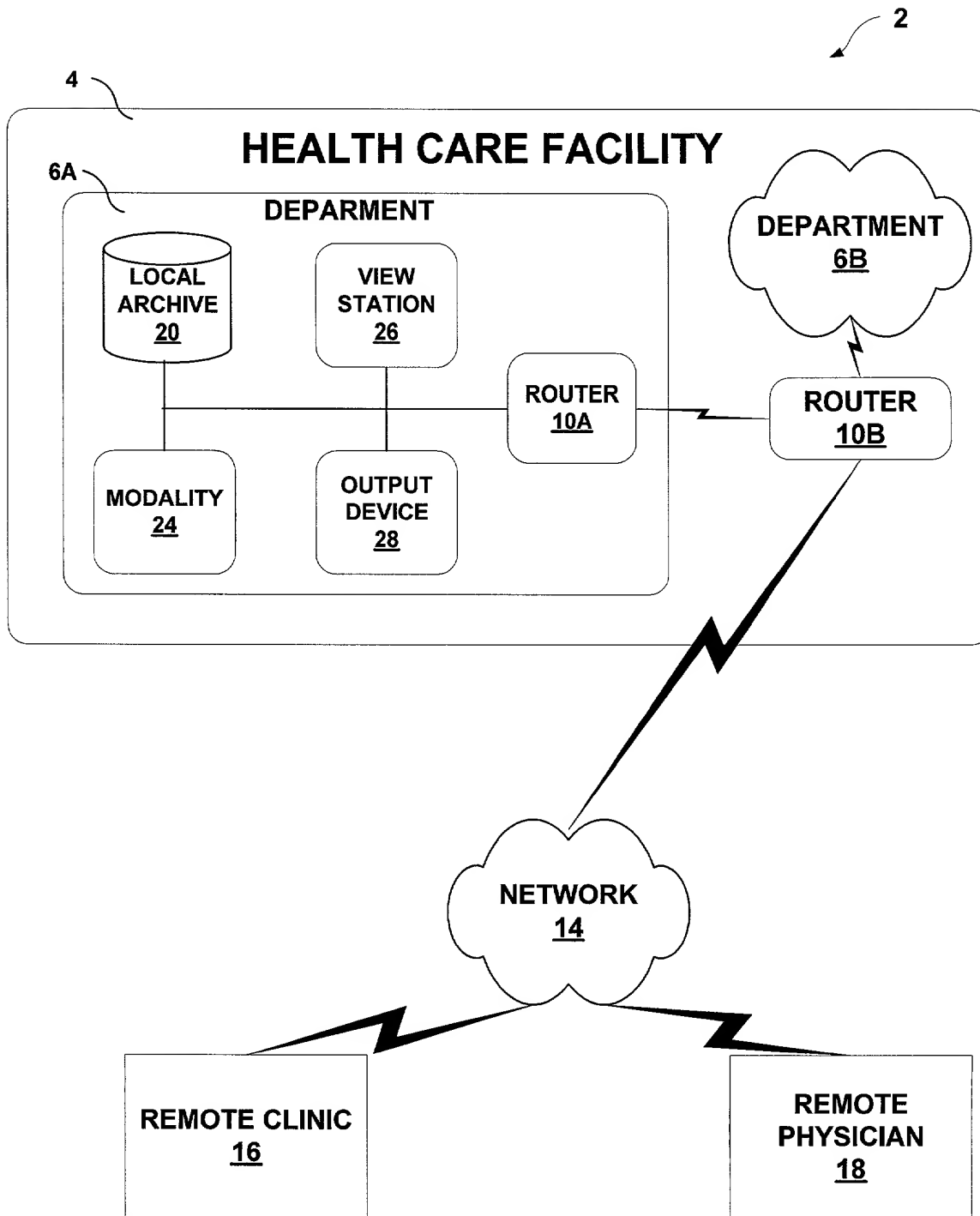


FIG. 2

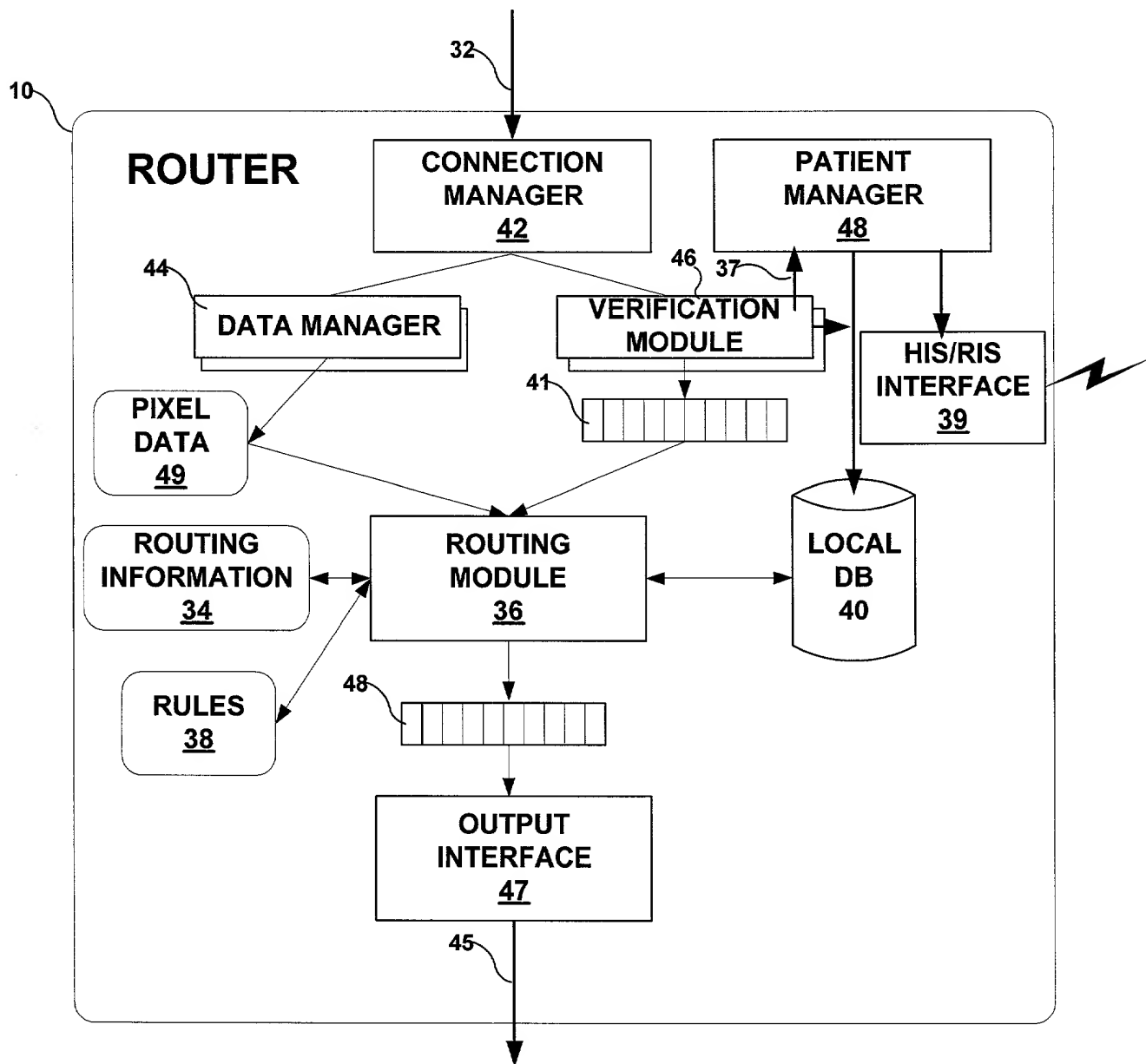


FIG.3

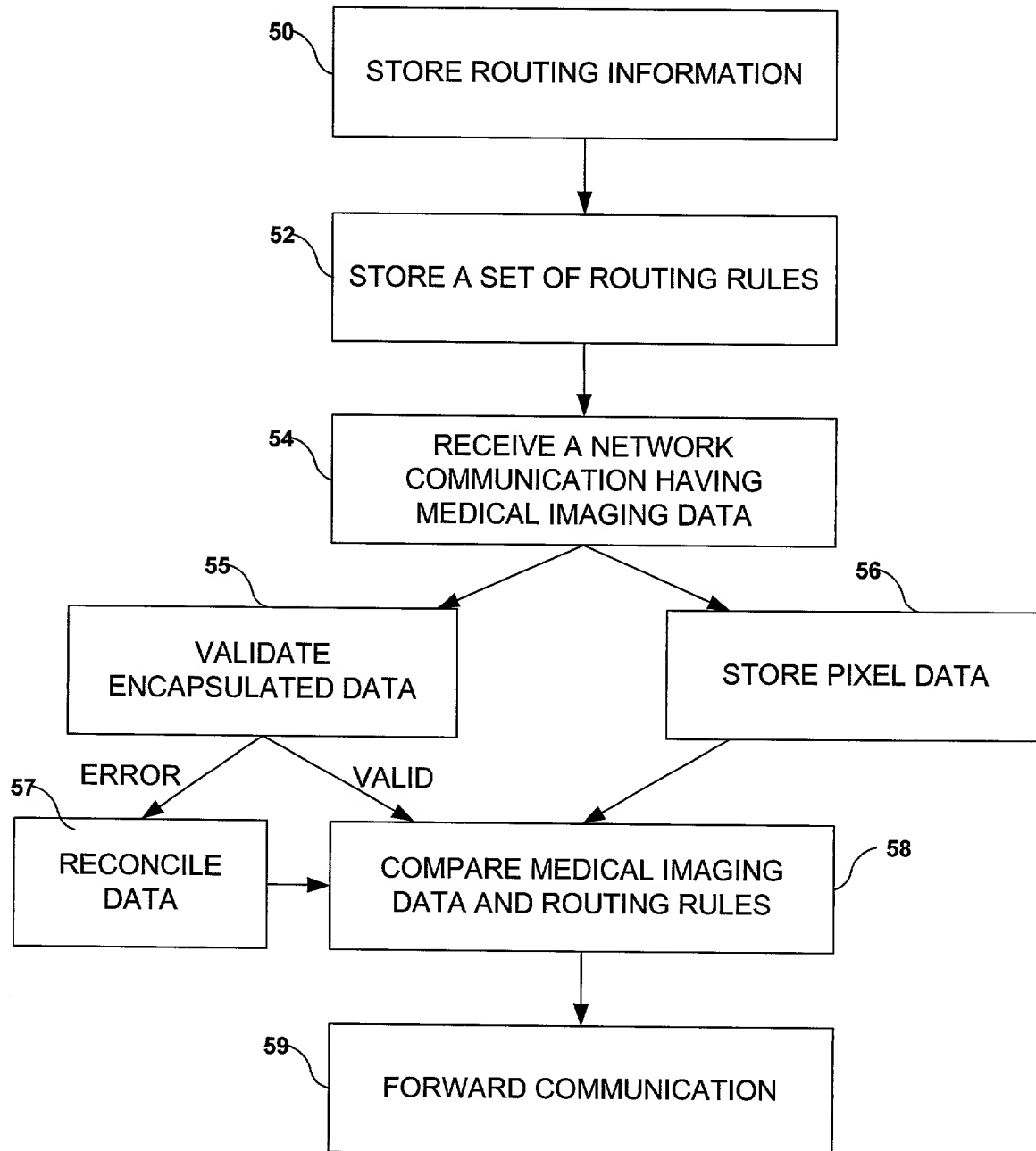


FIG. 4

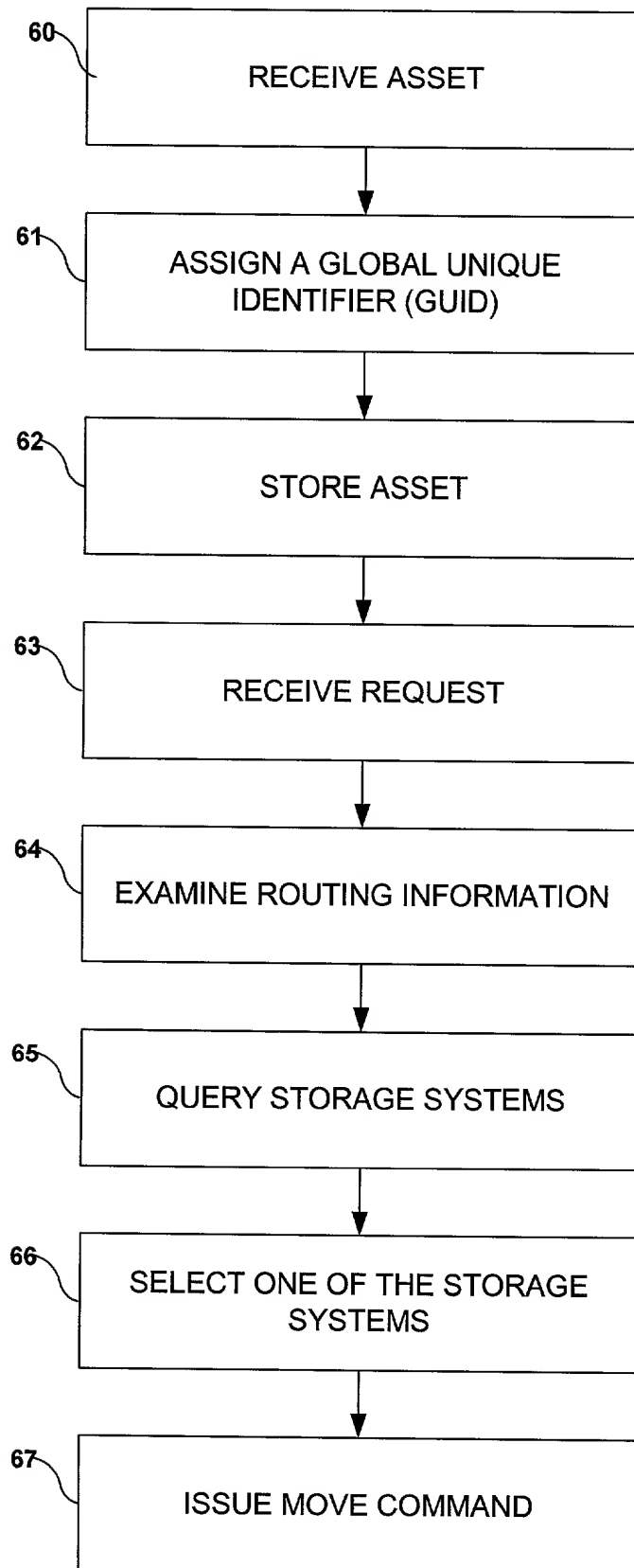


FIG. 5

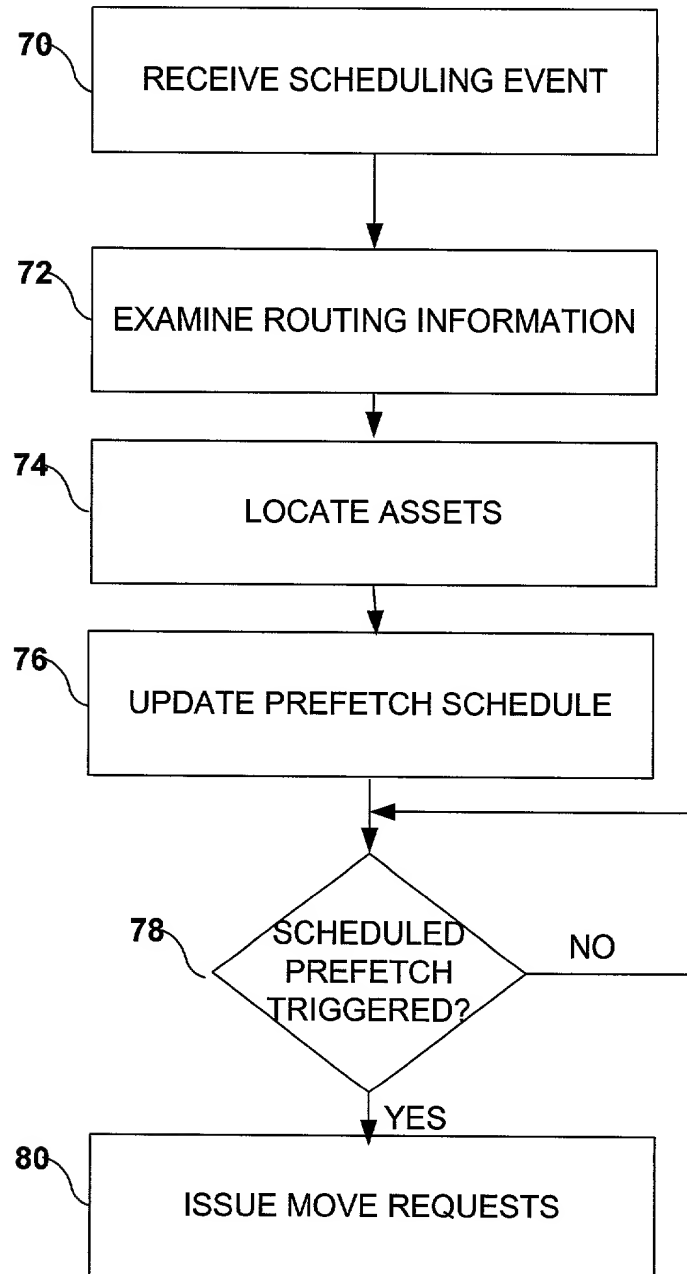


FIG. 6

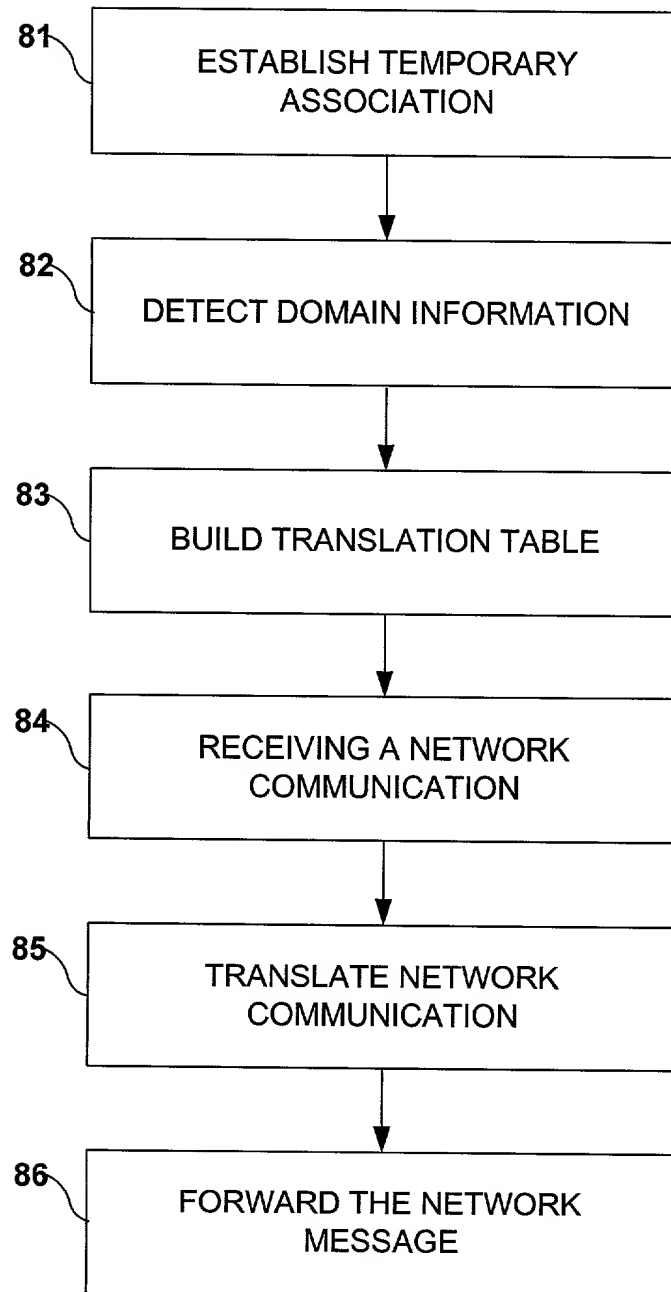


FIG. 7

STORAGE INTERCHANGE FORMAT

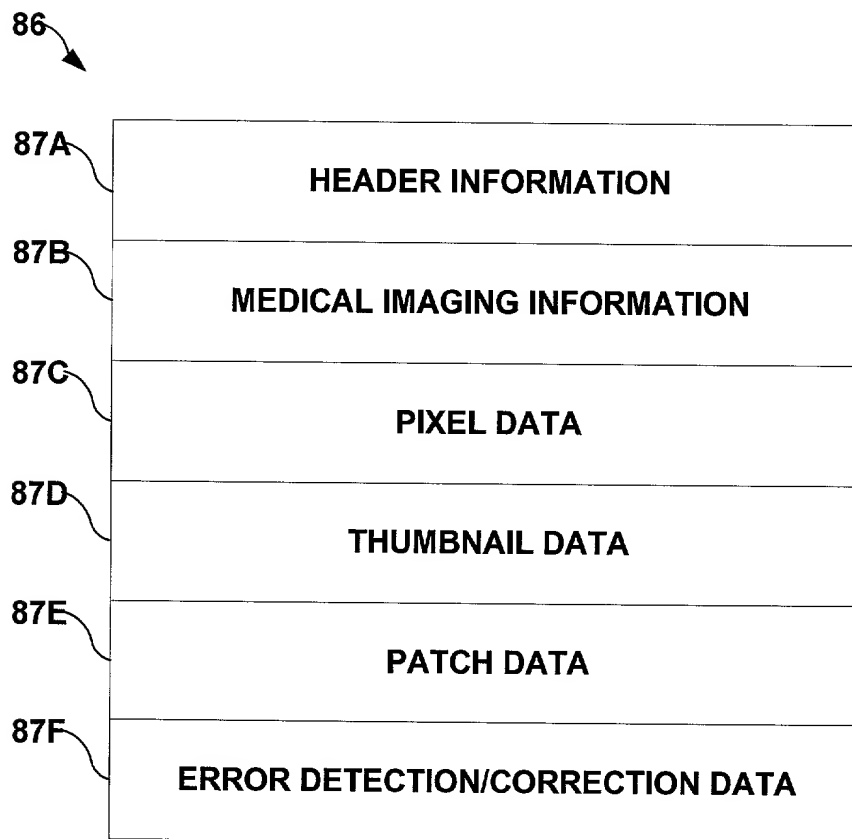


FIG. 8

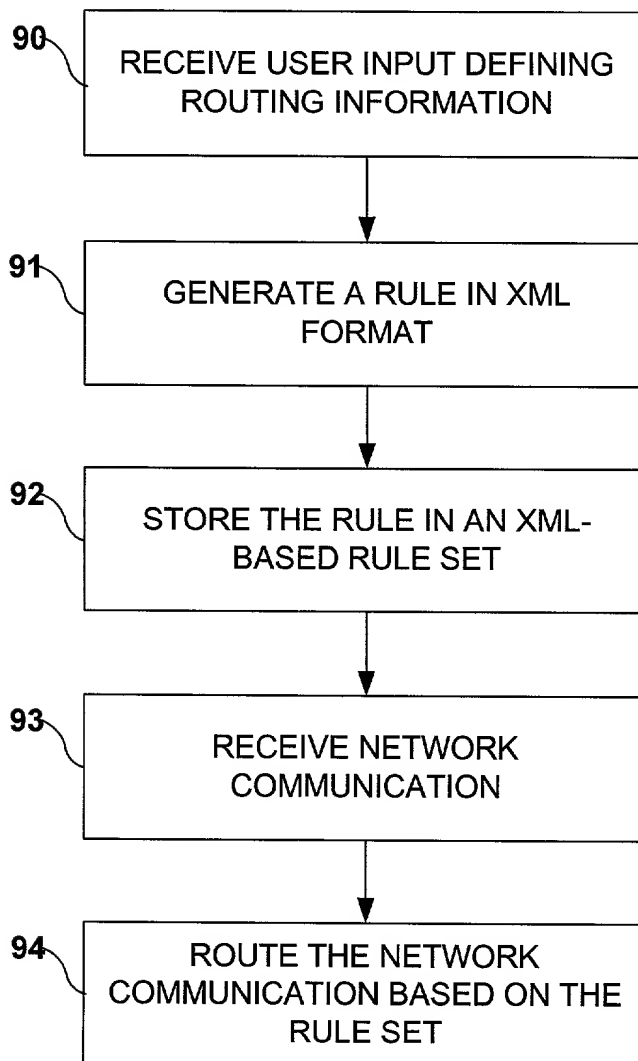


FIG. 9

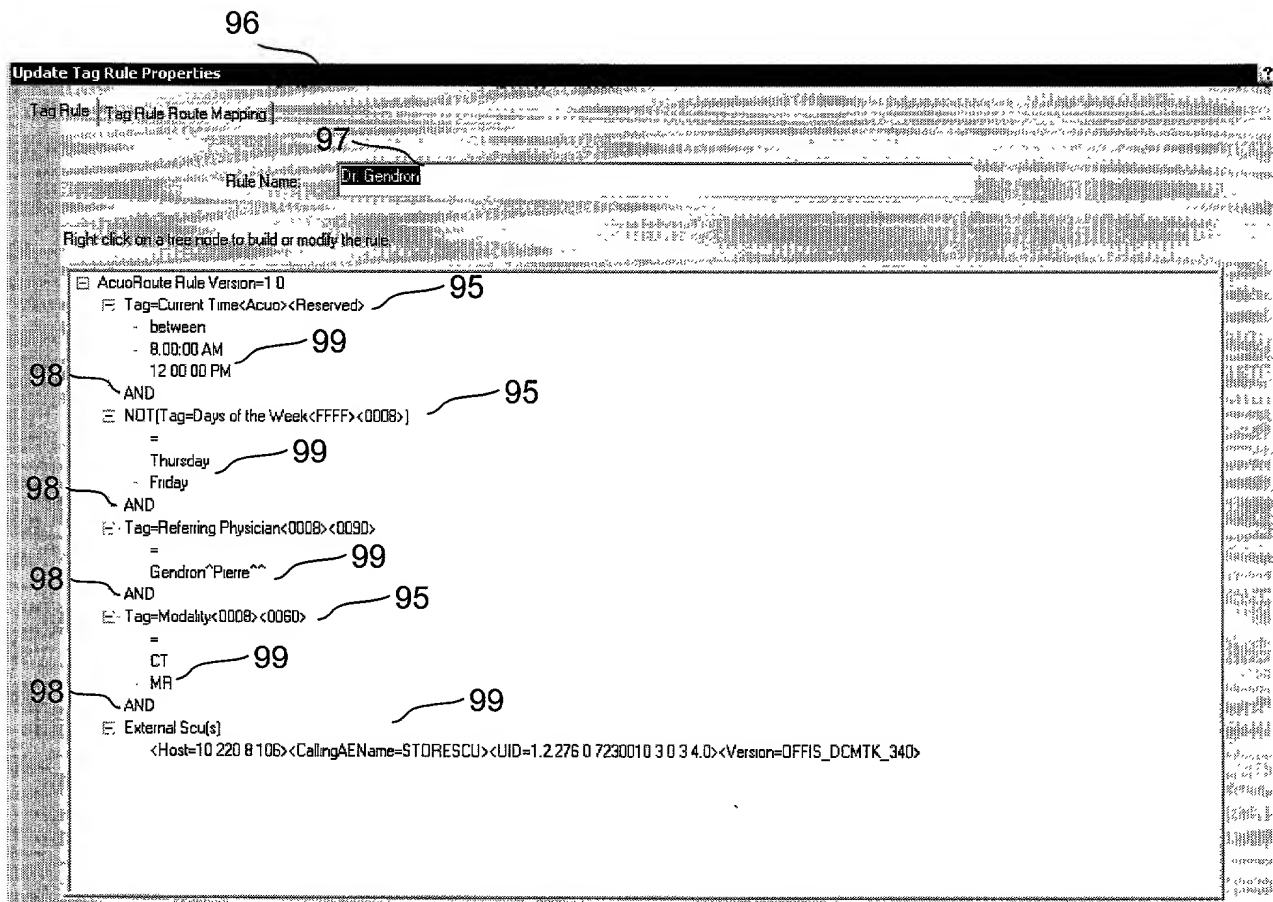


FIG. 10

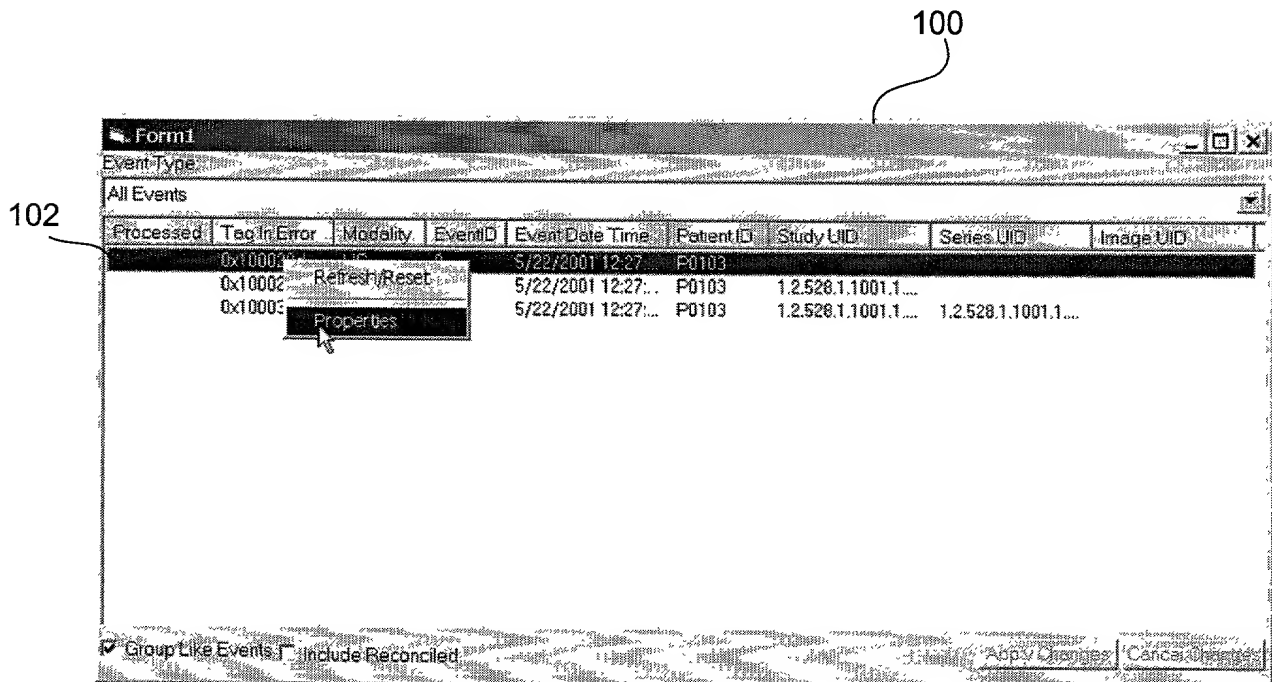


FIG. 11

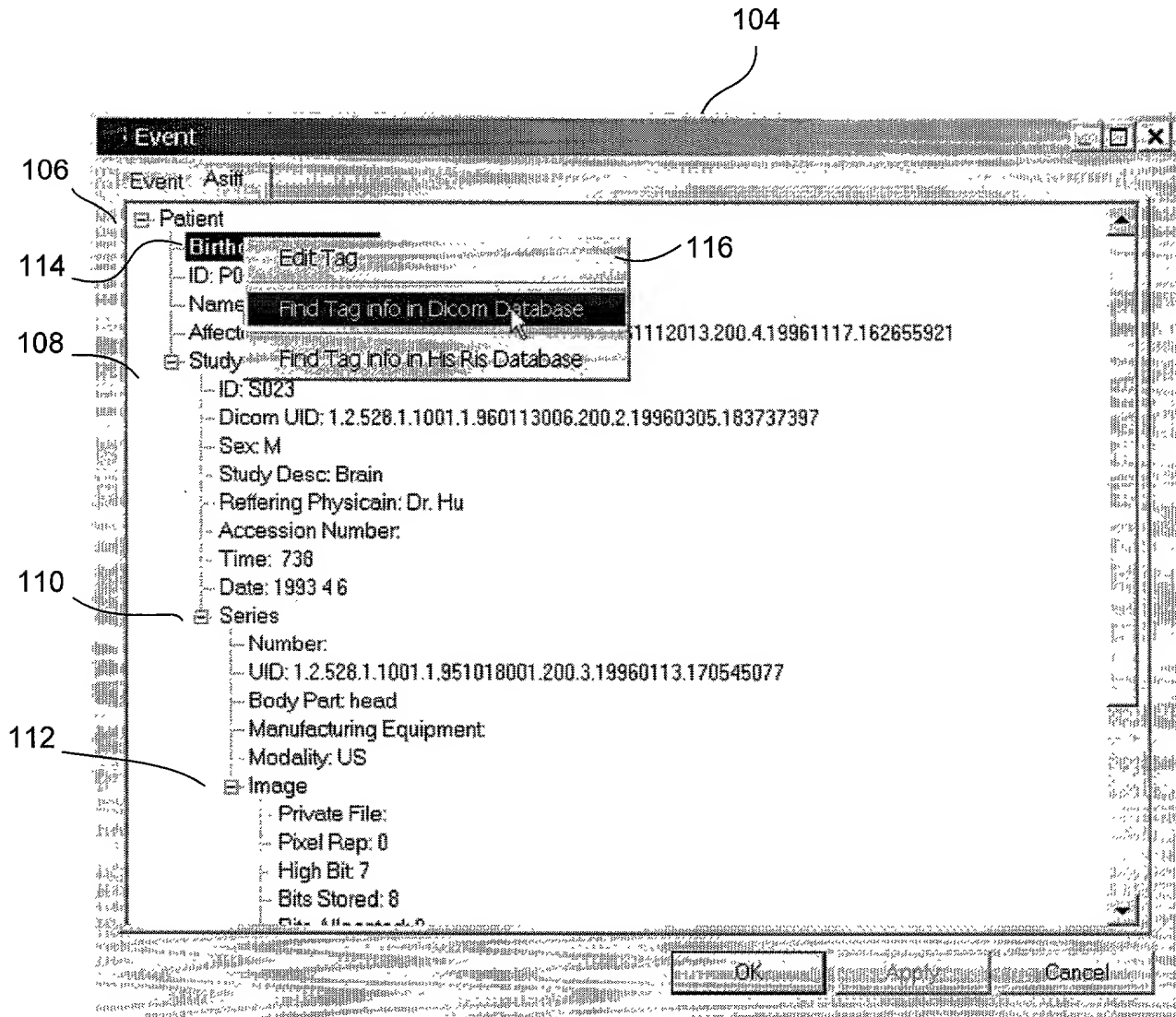


FIG. 12

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The screenshot displays a DICOM ASSET window titled "Event: Asset". The window is organized into a tree view with the following structure:

- Patient**
 - Birthdate: 1930 9 9
 - ID: P0104
 - Name: Christiansson, B.
 - Affected SOF Instance UID: 1.2.528.1.1001.1.19961112013.200.4.19961117.162655921
- Study**
 - ID: S023
 - Dicom UID: 1.2.528.1.1001.1.960113006.200.2.19960305.183737397
 - Sex: M
 - Edit Tag Value** (Dialog Box)
 - Tag Value: 1930 9 9
 - Buttons: OK, Cancel
 - Body Part: head
 - Manufacturing Equipment
 - Modality: US
 - Image**
 - Private File:
 - Pixel Rep: 0
 - High Bit: 7
 - Bits Stored: 8

At the bottom of the window, there are three buttons: OK, Cancel, and a third button that is partially obscured.

Reference 120 points to the top of the window frame, and reference 122 points to the "Edit Tag Value" dialog box.

FIG. 13

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Patient Info

ID: F0104

General Patient Info

Diagn Family Name Complex: Christiansson, Jason, B., Dr., MD

Prefix: Dr

First Name: Jason

Middle Name: B

Last Name: CHRISTIANSSON

Suffix: MD

Birth Name: Smith

Birthday: 9/9/1930

Birth Time:

Mothers Birth Name: Johnson

Additional Patient Info

Other Patient IDs: F0103

Other Patient Names: John Doe

Medical Alerts: None

Contrast Allergies: Not available

Additional History

Yes

Comments

Test

OK Cancel

FIG. 14

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Image Info			
SOP Class UID:	1.2.840.10008.5.1.4.1.1.6	Key Image	0
SOP Instance UID:	1.2.528.1.1001.1.199611.12013.200.4.1996	Patient Orientation	NA
Number:	1	Time	7:38:00 AM
Overlay Number:	NA	Date	4/6/1993
Lut Number:	NA	Series UID:	1.2.528.1.1001.1.951018001.200.3.199601
Curve Number:	NA		
		OK	Cancel

FIG. 15

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Series Info	
Modality	US
Device Serial Number	NA
Software Version	NA
Description	NA
Study UID	1.2.528.1.1001.1.960113006.200.2.1
Operator Identification	NA
DICOM UID	1.2.528.1.1001.1.951018001.200.3.1
Performing Physician	NA
Institution Name	
Secondary Capture Device ID	NA
Study Status ID	
Scheduled Station Name	NA
Manufacturer	
Requested Contrast Bolus Agent	NA
Manufacturer Model Name	NA
Contrast Bolus Agent	NA
Body Part	head
<input type="button" value="OK"/> <input type="button" value="Cancel"/>	

FIG. 16

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Study Info	
DICOM UID:	1.2.528.1.1001.1.960113006.2002.19960305.183737
ID:	S028
Time:	7:38:00 AM
Date:	4/5/1993
Referring Physician:	Dr. Hu
Reading Physician:	NA
Accession Number:	
Description:	Brain
Result UID:	NA
Reason:	NA
Modality in Study:	NA
Admit Diagnosis:	NA
Interpretation Author:	NA
Patient Info at Time of Study	
Patient ID:	P0104
Sex:	M
Age:	NA
Weight:	NA
Size:	NA
Occupation:	NA
Telephone Number:	NA
Address:	NA
Country of Residence:	NA

OK Cancel

FIG. 17

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Form1

Event Type

All Events

All Events

Image Database Mismatch

Invalid Tag Value Character Set (Image Level)

Invalid Tag Value Character Set (Patient Level)

Invalid Tag Value Character Set (Series Level)

Invalid Tag Value Character Set (Study Level)

Invalid Tag Value Length (Image Level)

Invalid Tag Value Length (Patient Level)

Invalid Tag Value Length (Series Level)

Invalid Tag Value Length (Study Level)

Patient Database Mismatch

Series Database Mismatch

Study Database Mismatch

☒ Group Like Events ☐ Include Reconciled

Apply Changes Cancel Changes

FIG. 18

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Search Engine

Patient

General Info

ID: 136

Prefix:

First Name:

Middle Name:

Last Name:

Suffix:

Name Info

Christiansson Jason

S023 (Brain)

US

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Add New Study

Edit Existing Patient

Delete Patient

Merge Patient

View Patient

Search Advanced OK Cancel

FIG. 19

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08002000	(0008,0020): Study Date. Decimal Tag: (0008,0032)
08000000	Tag Length: 8
3139393431323236	Tag Data: 19941226
08003000	(0008,0030): Study Time. Decimal Tag: (0008,0048)
0c000000	Tag Length: 12
3030303030302e3030303020	Tag Data: 000000.0000
08006000	(0008,0060): Modality. Decimal Tag: (0008,0096)
02000000	Tag Length: 2
4d52	Tag Data: MR
08007000	(0008,0070): Manufacturer. Decimal Tag: (0008,0112)
18000000	Tag Length: 24
5068696c697073204d65646963616c20	Tag Data: Philips Medical
53797374656d7320	Tag Data: Systems
08008000	(0008,0080): Institution Name. Decimal Tag:
(0008,0128)	
10000000	Tag Length: 16
444f4149204d454d4f5249414c204850	Tag Data: DOAI MEMORIAL HP
08003010	(0008,1030): Study Description. Decimal Tag:
(0008,4144)	
08000000	Tag Length: 8
432d5350494e4520	Tag Data: C-SPINE
10001000	(0010,0010): Patient's Name. Decimal Tag: (0016,0016)
12000000	Tag Length: 18
4d522f43205350494e452f5453452f32	Tag Data: MR/C SPINE/TSE/2
3536	Tag Data: 56
10003000	(0010,0030): Patient's Birth Date. Decimal Tag:
(0016,0048)	
08000000	Tag Length: 8
3139363430373331	Tag Data: 19640731
10004000	(0010,0040): Patient's Sex. Decimal Tag: (0016,0064)
02000000	Tag Length: 2
4d20	Tag Data: M

FIG. 20